

# FOLIO

## Institutional Research and Planning

*The following article has been received from the Office of Institutional Research and Planning.*

The administration of an organization having the size and complexity of The University of Alberta involves the making of decisions which can have broad consequences, many of which are unanticipated. One major purpose of the Office of Institutional Research and Planning (IRP) is to gather and analyze information which can be used in making these decisions. This major purpose involves some of the following specific purposes, which can be collectively referred to as helping the University "to know itself":

1. to analyze the operation of the University with respect to students, staff, courses, facilities, finances, and systems;
2. to provide information which can be used by University committees and administrators;
3. to conduct studies for the University and related organizations;
4. to assist in the development of University data bases;
5. to provide resources to assist General Faculties Council and other University committees in the collection and analyses of data; and
6. to provide consultative assistance to groups which are preparing submissions to administrators or committees.

Some IRP projects are performed annually or more

frequently on a continuing basis; these include preparation of *The University of Alberta Data Book*, the Section Size Analysis, and the Space Inventory; calculation of Weekly Student Hours and Weekly Contact Hours as quantified descriptors of departmental teaching loads; projections of enrolments in each faculty; and calculation of the extent of use made of instructional space.

A considerable amount of IRP activity is also directed at the conduct of individual projects. Some of these projects completed in the last three years were related to assessing the feasibility of a part-time Bachelor of Laws program, ascertaining the attitudes and opinions of students living in University residences, evaluating freshmen orientation seminars, and examining the relationship between high school and university academic performance. Current projects include a study of student housing, a determination of predictors of student performance in the Faculty of Dentistry, a description of characteristics of University students, an analysis of data relevant to the student demerit system in the Faculty of Law, and a comparison of the academic performance of students who interrupt their programs and those who do not.

In addition to conducting continuing and single studies, some IRP staff serve various University committees either as resource persons or in other capacities. During 1977-78 Mr. W. Cairns worked in this capacity with the University Priorities Committee. Dr. N. Mehra has assisted the University Senate. Mr. P. Davidson has been assigned to the GFC Committee on Writing Competence and the



*The engineers' yearly decoration of the Quad has taken place once again.*

GFC ad hoc Committee on Student Evaluation of Instruction. The GFC Committee for the Improvement of Teaching and Learning is served by Dr. D. Otto who is also an elected member of the GFC Committee on Student Evaluation of Instruction. Dr. E. Holdaway attends meetings of the Academic Development Committee and the University Planning Committee. He is also a member of the Review Committee for the Office of the Registrar and of the Advisory Committee for the Registrar.

The services of IRP are usually provided at no cost to the client. Most studies are requested by a

client, although some are initiated by IRP because a need is perceived by that Office. When IRP assumes the responsibility for conducting a study, it also reserves the right to determine the most appropriate way to conduct the study.

Research reports are normally available to interested members of the University community; however, occasionally the nature of a report requires that its distribution be restricted, at least temporarily. Reports of IRP studies have been and will be presented periodically in *Folio*. When appropriate, reports may

also be presented in other publications such as *Gateway*.

If IRP is to facilitate and encourage active institutional introspection, the cooperation of personnel throughout the University is essential. In view of the present difficulties produced by shortages of funds and declining enrolments in some faculties, a substantial commitment to this introspection is essential.

All members of the University community are encouraged to hold informal discussions with members of the IRP staff concerning potential projects. All formal requests for information from IRP and for projects to be

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# colloquy

*"Colloquy" is a column devoted to the free expression of opinions held by members of the University community. The criteria for the use of this space are simple. Submissions should be no longer than 1,000 words, and they must be typed and double spaced. Submissions must deal with issues that are of general interest to the University community, and they should be signed. While Folio is the official newsletter of the University of Alberta, the opinions expressed here will not necessarily reflect University policy or the opinions of the Editor. Submissions should be sent to Colloquy, Office of Community Relations, 423 Athabasca Hall. Submissions will not be returned, and the Editor cannot guarantee publication.*

*The following submission to colloquy was made in response to an article in the December issue of the AAS:UA Newsletter.*

The December Newsletter asks for a response to the *Working Paper: Towards Legislation Governing Academic Staff Negotiations at Alberta Universities*. I note the usual favoring of union-like status for the Association and the significant implication that resistance to unionism is "bias" (page 6, middle). The paper is written from the point of view that regards difficulties in the path of certification as obstacles to be overcome. The other side of the argument has not been aired, and many vitally important issues have lain dormant because, one suspects, they are irreconcilable with the policy of unionization. It is with this in mind that I wish to make a start in building the case for the opposition to this policy.

First, let us consider an historical aspect of trade unionism. Born of the Industrial Revolution, it inherits an outmoded ideology. It has to maintain a nineteenth century workers-and-bosses class distinction, which is even codified in law: workers in the Labor Act may not take part in management. Conversely, the unions are typically very hostile to the notion of management (or anyone else) performing work for which by an agreed definition they are responsible. The entrenched class segregation is strengthened further by the historical memory of

exploitation and appalling working conditions and by the ultimate *raison d'être* of incorporation: the conviction that those who accept employment would be badly treated without unions. Thus a feeling of working-class subjugation and hostility towards management combines with an assumption of moral superiority ("We shall overcome") to make a secure basis for a political movement, which is assumed to ensure bread and butter for its adherents. Clearly this is not the right environment for logical, objective discussion of economic and social issues. If you deny the validity of the separation of workers and bosses, you also imply a mixing of worker and manager roles which prevent the union from functioning, which in turn threatens the provision of bread and butter. You are, therefore, taking the food out of the mouths of the workers. You will fare no better if you espouse an argument which could be construed as favoring management: you become one of them, morally inferior, and a danger to worker interests. By introducing unionism onto campuses we are thus inviting bigotry and hindering open, reasonable pleading. How on earth can we claim to support and live by the principle of academic freedom, and yet hide behind an association with the function and mentality of a union?

Also high on the list of undesirable characteristics is the tendency of trade unionism to be undemocratic and intolerant. The forcing of unwilling workers to follow union directives, the practice of the closed shop, the intimidation of recalcitrant members, the resort to violence, all point to an infectious mentality that could destroy the very foundations of parliamentary democracy. It is therefore not surprising that the totalitarian fringe of the political Left is eager to play a role in unions and is influential to a degree out of proportion to its importance in national politics. We must never contribute to the forces undermining the best of our political way of life.

Another frequently observed evil of trade unionism is its tendency to regard the law as a tool but not a restriction. Unions use their power to flout the law regarding the right to strike, for example, and the restrictions on the activities of pickets. The rule of law is another basic concept of western democracies. No group, however powerful, should be allowed to thumb its nose at the law. The consequence is to raise might to status of right.

One cannot help observing also that unions seek power without answerability. Not that a membership cannot oust an unwanted executive under any circumstances; yet the truth is that the majority of members does not seek involvement, and the dominant ethos of union management attracts those members to it who are predisposed to think and act accordingly; thus the only charge an executive or president might face from the active core of the membership is failure to maintain or gain power or failure to use it to the benefit of the membership. Yet that is not the kind of answerability that I have in mind, but a broader responsibility incumbent on every citizen, namely not to seek personal advantage at the expense of the public good. Unions sought to guide government policy in a kind of tripartite decision-making mechanism with the elected government and management representatives (two votes each for unions and management, one for the rest of the electorate), but they did not suggest that they would be answerable for the consequences of their urgings. Through law they are protected from the responsibility for evil consequences of a legal strike, however unreasonable the demands. Logically, any suffering involved must be contained between the litigants. This might have been the case in times when one small union struck against one small, non-public-service employer, but today the suffering is inflicted on uninvolved groups or the general public, say, bus travellers or users of the Post Office. There is no answerability here to the sufferers.

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### IRP (continued from page 1)

conducted by IRP should be forwarded to the Director. Due to the limited resources of IRP, not all worthwhile projects can be undertaken. An IRP Advisory Committee has recently been established to assign priorities to proposed projects: this consists of Vice-Presidents Horowitz, Leitch, and Phillips; Associate Vice-Presidents Allen, Lauber, and McDonald; and the Director of IRP.

Any suggestions or comments which members of the University community may have about the operation of the Office of Institutional Research and Planning will be welcomed by the Director, E.A. Holdaway.

A further defect of unionism is its inability or refusal to consider its policies and actions in the larger context. It is intellectually blinkered. Too frequently actions are encouraged, pursued, or condoned which make sense only in the narrowest context of short-term material gain for a particular group of workers. While there may be some excuse for this as a natural reaction to being considered narrowly as a revenue producing work force, it should not be condoned, and among professional intellectuals at a university it is anomalous and inexcusable.

If we are prepared to face up to justifiable comparisons, however distasteful, then we must admit that such readiness to inflict suffering on the uninvolved is akin to hostage taking. The power of the postal unions, for example, is derived mainly from the harm and inconvenience they can inflict on the dependent public. The Government is typically urged to end the dispute and bring the suffering of the public to an end, just as authorities 'bargaining' with terrorists are under pressure to save the hostages. This is an utterly repugnant way in which to conduct any of our affairs, but tragically we have come to accept it as part of collective bargaining.

When we add certain unlovable qualities of unionism together, a most menacing syndrome emerges. Let us consider: flouting the law plus hurting anybody plus seeking material gain. It serves no good purpose to mentally block the comprehension of the horrendous sum: the criminal mentality. That realization is a bitter pill indeed, but swallow it we must.

It cannot be maintained that none of these evils would manifest itself in a unionized academic staff, for the signs are already there. The Association has already unilaterally voided all the old personal contracts with the Board and substituted its own monstrous document, which it will review and change in negotiations with the Board. This is an important step to the status of bargaining agent, through which all academic staff would be forced legally to recognize the AASUA as their sole representative. To strive after this status betrays an undemocratic mentality. We have already witnessed segments of the membership wanting to impose a ban on grading in response to negotiation breakdown. This would clearly be flouting the law and a breach of contract. We have already seen the Association claim equal power with the Board to determine salaries and benefits, but without assuming the responsibility that rests with the Board for the financial affairs of the University. We have seen already from the example of the proposed grading ban, that the proposed sufferers, our hostage population, are the students. Our Association is already concerned chiefly with the material benefit of its members; it has already narrowed its vision. The hostility towards management can already be detected and the arguments of the Association are already directed to support its own wishes. Finally, and most poisonously, it is now considering ways of separating the worker academic class from the boss academic class.

A university has a unique opportunity to develop an alternative to unionism, one which would give its members a feeling of belonging and contributing to a dynamic, unique, and invaluable institution. A university is not a laboratory for theories of power sharing. Our Administration exists to promote the universities' intrinsic functions: learning, teaching, research. It is desirable for an administrator to engage in the intrinsic activities, in order to maintain a breadth of vision embracing the university in all its aspects. Conversely, the expression of the needs and opinions of learners, teachers, and researchers should be duly influenced by the informed appreciation of the problems of administration. Decision makers should also be guided by an understanding of the university's duty to serve society as well as to promote the welfare of the individual within the university. There must be a spirit of trust and cooperation. We should feel proud to belong. Unionism can only destroy such a spirit by bureaucratic demarcation, divisiveness, censoriousness, by infusing hostility towards management and by reducing a vocation to a forcibly negotiated formula for the rendering of specified services.

We have seen just recently the growth of hostility towards the Board of Governors and in the Board itself an increased readiness to force issues against the expressed wishes of the university community. This is fertile soil for unionism, but barren ground for smooth functioning of the university. The academic staff, ideally through its Association, should try to understand the reasons for this divergence and strive to mend relations, for the best university governance will come from a genuine meeting of minds—not a meeting of closed minds, which hostility produces.

The Board of Governors is not an employer in the normal sense. It does not generate revenue. It has no motive for exploiting or short-changing the staff, hence the historical justification for unionization of university staff is completely lacking. The aspirations of the Board and of the staff are ideally identical: to create the best possible university. United in this noble aspiration, the staff associations and the Board can press more effectively for appropriate government action. Divided into separate, jealous unions bickering with the Board, we do not only degrade our whole enterprise, we also weaken our position in relation to the real source of revenue, the Ministry of Advanced Education, and alienate ourselves from the ultimate source of power, the electorate. It is time to morally regenerate the workings of the university, which frequently have slumped to the level of petty politicking and sand-box power play, precisely when decreasing enrolment presents us with problems that require careful and honest assessment.

Unionism, summing up, is not only narrow minded and morally degenerate, it is quite inappropriate to the university context, and dysfunctional even in its aim of increasing or maintaining the material benefits received by the staff. In the interests of the individual, the University, and society at large unionism must be rejected.

*Richard d'Alquen*  
Associate Professor of  
Germanic Languages

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## Board of Governors

The regular meeting of the Board of Governors was held on Friday, 12 January. The following items were among those discussed:

### *Western Canadian Universities Marine Biological Society (WCUMBS)*

On the recommendation of the Building Committee, the Governors approved in principle a joint request from this University and the University of Calgary for special funding by the provincial government in the amount of \$56,000 for a student housing project at the Bamfield Marine Station in British Columbia. It was noted in the discussion that approximately one quarter of the students who attend the facility are from the University of Alberta.

Funding for the project has also come from the University of British Columbia and Simon

Fraser University (\$127,500). It is expected that the University of Victoria will contribute \$40,300, while Canada Employment has agreed to provide \$20,000 to the project.

At the same meeting of the Board, the nomination of Dean Newbound (Science) as a voting member of the WCUMBS Management Council was approved with a two-year term of office from 1 July of this year. F.S. Chia, Chairman of the Department of Zoology, was confirmed in his appointment as a non-voting member of the same Council and with a term of office from 1 July 1979 to 30 June 1981. Dr. Chia has served in his present capacity from July 1977. Dean Newbound replaces L.C. Leitch, whose term on the Council expires on 30 June.

### *Appointments*

M. Andrekson, Chairman of the

Board's Academic Concerns Committee, reported that the Committee had approved the following appointment and re-appointments of departmental chairmen with terms of office effective from 1 July 1979:

#### *Appointment*

S.M. Tinic, Department of Finance and Management Science for a five-year term. Dr. Tinic (who gained a BA in 1964 at Bogazici University in Istanbul, a MBA at the University of Tulsa in 1966, and a PhD at Cornell University in 1970) first joined the University in 1970 as an Associate Professor.

#### *Re-appointments*

B.T. Stephanson, Department of Agricultural Engineering for a four-year term.

G.E. Ball, Department of Entomology for a five-year period.

K.W. Lemke, Department of Accounting for a five-year term.

M. Schachter, Department of Physiology for a five-year period.

#### *Increase of Fees—Graduate Students' Association*

On the recommendation of the Finance Committee, the Governors approved the following increases in association dues to be paid to GSA by all graduate students from 1 December 1979: full-time student fees are raised from \$31 to \$34 and part-time student fees increase from \$21 to \$23 annually.

According to the information supplied by the Finance Committee, the most recent increase in membership fees took place in July 1976, when full-time student fees increased from \$5 to \$25 annually, and part-time student fees were raised from \$2 to \$15 annually. In September 1978 a Students' Union Building mortgage amortization fee of \$6 was transferred from the Students' Union to the GSA at the request of the Students' Union. The reason for the present increase, according to the GSA representative B. Mills, was an "oversight" on the part of the Association's previous administration.

#### *Social Responsibility Policy*

At its meeting on 12 January, the Board gave approval to a policy

that will govern the University's current and future investments in a manner consonant with the University's social responsibility as an investor.

The policy, formulated in a "Statement on Social Responsibility with Respect to Investments" presented to the Board by the Finance Committee, attempts to address the very complex issue of University investments in companies whose activities are considered to cause social injury. The Statement itself came about as the result of concern that the University has invested in several companies whose activities within the Republic of South Africa have been the subject of much debate in recent years. According to L.C. Leitch, Vice-President (Finance and Administration), "the essential features of the policy statement are: (1) That the primary fiduciary responsibility of the Board in investing and managing the University's investments is to maximize financial return, taking into account the amount of risk appropriate for University investment policy; (2) proxies associated with securities held by the University will be voted in favor of propositions seeking to eliminate or reduce social injury caused by a company's activities; (3) securities will not be purchased or retained if the company is engaged in activities resulting in social injury which is grave in character, and which activities are unlikely to be eliminated in a reasonable period of time; and (4) investment decisions will not be made for the purpose of actively involving the University in promoting social change."

The policy statement, described as "experimental" by its authors, was considered at length by members of the Board. Varying opinions were expressed to the effect that the statement was inadequate and should be re-drafted in more specific terms, that such re-drafting would cause excessive delay in implementing a policy whose intent is essentially sound, that the issue is indeed complex and does not admit of speedily attainable resolution. In a divided vote, therefore, the Board approved the implementa-

## Operating Budget Principles and Policies, 1979-80

On the recommendation of the Finance Committee, the Board gave approval to the following statement concerning the principles and policies to be adopted for the operating budget in the next fiscal year. These "Operating Budget Principles and Policies, 1979-80" were approved by the University Planning Committee at its meetings on 23 November and 9 December 1978 (minutes of UPC's discussion have been circulated to members of General Faculties Council), by the Board Finance Committee on 19 December 1978, and by GFC at its regular meeting on 20 December 1978. (A summary report of some of GFC's concerns may be found in *Folio*, 4 January 1979.)

### *I. Principles*

1. *The objective will be a balanced budget in the sense that:*

- a) the funding of continuing commitments will normally be provided from recurring revenues (government operating grants, fees, interest income, etc.);
- b) transfers from revenues and operating surplus to the operating budget for expenditures of a non-recurring nature may be made subject to those policies established from time to time relative to the appropriate levels for such reserves and surplus.

2. *Ancillary Departments* (Housing and Food Services, Bookstore, Printing Services, and Physical Plant Services) will be budgeted to break even.

3. *Conditional grants* for designated programs where the support is limited to a specified term will be budgeted separately and excluded from the budget base.

tion of the policy statement—on the express understanding that its several clauses would be reviewed "in the light of accumulating experience." □

The steps necessary to ensure the orderly phasing of these programs into the operating budget on the termination of the *conditional* grants will be taken subject to the usual academic approvals and priorities.

### *II. Policies*

1. The appropriate level for operating surplus will be established at 2% of the previous year's net operating expenditures. Specific provision will not be made in the budget for additional to surplus, which is expected to increase as a result of strict expenditure controls. Any amount in excess of the prescribed level may be transferred to the operating budget in the following year and in accordance with Principle 1(b).

2. Provision will be made in the budget for estimated savings which will be based on experience in preceding years. (Net expenditures tend to be below budget as a result of the expenditure control program.)

3. Support departments will be considered individually and assigned budget totals designed to achieve maximum economy consistent with a desired level of service.

4. The budgets for the Faculty of Graduate Studies and Research, Special Sessions, the Library, and Public Service Departments will be considered individually, and the administrators responsible will make recommendations to the University Planning Committee on the appropriate level of funding.

5. The fund for the support of Faculties heavily engaged in Special Session instruction will be carried forward as part of the budget base.

6. The following special funds will be provided for the purposes described:

- a) *Budget Adjustment Fund*—for allocation by the University Planning Committee to Faculties and Indirect Instructional Units

on the basis of its assessment of need. Permanent, continuing commitments will be assessed at full-year costs.

For the purpose of this policy, "need" will be primarily a function of teaching workload, although other factors may be considered. Workload data is available at the department level, but allocations will continue to be made at the Faculty level. The assessment of workloads will be related to historical and other relationships within Faculties and not between these units. This concept will enable the Committee to acknowledge pressures within individual teaching departments, to some extent independently of overall Faculty workload variations.

Pending the development of University-wide standards for the measurement of workload, judgments will of necessity be subjective, but will reflect: 1) enrolments; 2) the number of weekly contact hours, both laboratory and non-laboratory, classified by the level at which they are taught; 3) non-standard teaching workload, such as the supervision of graduate student thesis work; 4) the number of registrations in sections and courses, which generate weekly student hours; 5) class section size; and 6) the numbers of full-time equivalent continuing staff members.

In its assessment of need, the Committee will also have regard for the prior levels of expenditure for: i) sessional and temporary academic appointments; ii) teaching assistants and estimated or approved adjustments to the salary scale for Graduate Appointments; iii) temporary non-academic staff; and iv) materials, supplies, and related items.

b) *Contingency Fund*—for allocation at the discretion of the President, the Vice-President (Academic), and the Vice-President (Finance and Administration) to Faculties and Indirect Instructional Units, for such needs as may arise during the year. Allocations will generally be on a once-only basis, but if approval is obtained for a continuing

commitment, assessment will be made for the full-year cost.

It is intended that the purposes of the fund not be restricted in any way, except that priority will be given to the alleviation of pressures resulting from unanticipated enrolment patterns.

c) *Senior Appointments Fund*—for upgrading of vacant positions. (See appendix re academic appointments.)

7. Subject to the adoption, through normal channels of any recommendations of the University Priorities Committee, the following principles will be applied in the treatment of Faculties:

a) Base budgets will be defined as the 1978/79 budgets, amended for: i) continuing changes approved during the year; ii) the conversion of full-time, continuing academic staff salaries to the annual rates currently in effect for each incumbent, as established in the 1978/79 budget. Vacant positions will be recorded at the second step of Assistant Professor at the current annual rate.; iii) the increase of full-time, regular non-academic staff salaries by a single, normal merit increment on anniversary date within salary grid maxima. Long-service increments will also be included where appropriate. Vacant positions will be classified and recorded at annualized rates appropriate to the second step of the salary grid.

b) In addition to the Base Budget, provision will be made for: i) merit increments for academic staff in accordance with Board of Governors instructions; ii) estimated adjustments to the salary scale for full-time continuing academic and non-academic staff.

These funds will be allocated to departmental budgets by the Budget Division prior to publication of the final budget for 1979/80.

c) Initially, no increase in the number of full-time continuing positions will be included.

d) Subject to the levels of funding required to provide for

the foregoing items, the University Planning Committee may: i) allocate funds for inflationary cost increases; ii) require reductions in Faculty budgets; and iii) institute a position control program.

e) The allocation of funds within departmentalized Faculties will be made at the Faculty level and not by the University Planning Committee.

f) The allocations from the Budget Adjustment Fund will assume: i) new positions (academic and non-academic) must be approved by the University Planning Committee; ii) salary levels of new appointees will be specified by the University Planning Committee, but these levels may be exceeded at the discretion of the appropriate Vice-President; (See appendix re academic appointments.) and iii) assessments at the full-year cost for new positions, with funds to be provided on the basis of fiscal year costs.

### *Policy on Replacement Appointments Appendix a*

Whenever, at any time in the budget year, the appointment of a continuing faculty member terminates (through resignation, retirement, death, or total disability), the following budgetary and administrative mechanisms will apply.

#### *1. Appointment*

Subject to the provisions of a position control program, the Dean may authorize advertising of the position in the lower range of the salary level of Assistant Professor. An appointment may be made at the floor of the Assistant Professor for a fully qualified but inexperienced appointee, or, at the discretion of the Dean, up to two (2) increments above that floor for an appointee who is fully qualified and is also experienced in independent teaching and research. Exceptions to this are covered in 3. below.

2. a) Upon termination of the appointment of a staff member,

the budget for the position will be temporarily revised to a salary rate of one (1) increment above the floor of Assistant Professor.

b) When a continuing appointment is made, the actual salary rate will be permanently entered in the budget. Any variance from the standard rate ('a' above) will be credited/debited to the Faculty's budget in accordance with the Dean's instructions. Exceptions to this are noted in 4. below. At the same time, the budget base for the next succeeding year will be adjusted to the full-year salary rate of the appointee and to the credit/debit adjustments to other areas of the budget.

c) Until a continuing appointment is made the budget for the position will remain at one (1) increment above the floor of Assistant Professor for the balance of the current budget year and in the ongoing budget base. These funds may be transferred to temporary salary accounts.

3. Where special circumstances exist, a case may be made to the Vice-President (Academic), who may authorize an appointment (permanent or temporary) at a higher level or rank. Rank distribution or special needs within the unit or market conditions in the discipline or profession are examples of "special circumstances."

4. When a higher level appointment is authorized by the Vice-President (Academic), he may:

a) require the Faculty to provide the additional funding needed from other areas of the budget, in which case transfers for the current year must cover the additional costs, and permanent transfers for the full year additional funding must be made in the budget base for ongoing years.

or

b) provide some or all of the additional funding from a special contingency account under his control; in which case it will be related to the date of appointment in the current year and to a full year in the ongoing base.

5. The special contingency fund (referred to in 4.b above) will be funded from the variance between the salary rates of terminating appointments and replacement appointments up to a limit to be approved annually by the Finance Committee of the Board of Governors. Any amounts beyond this limit will be included as part of the budgeted salary savings of the University budget.

6. The Budget Officer will maintain such inventory of terminations and replacements and institute such budget transfers and budget entries as may be required. Deans and Faculty offices are responsible for instituting necessary budgetary procedures *before* appointment contracts are sent out. □

## Visiting Professor

Richard L. Earle, Dean of the Faculty of Food Science and Biotechnology at Massey University, Palmerston North, New Zealand, will be a Visiting Professor in the Department of Food Science until the first week in February. Dr. Earle is internationally recognized for his teaching and research in the area of food process engineering. He is author of a widely used introductory food engineering textbook, *Unit Operations in Food Processing*, and a member of editorial and governing boards of several international institutions and journals dealing with water pollution and related research.

Anyone wishing to meet with Dr. Earle may arrange to do so by contacting the Department of Food Science, 202 South Lab, telephone 432-3236. Dr. Earle's visit is sponsored by the Social Sciences and Humanities Research Council of Canada, Cultural Exchange Program. □

## Replenishment of Standing Committee 1979

The term of office of a number of members of the standing committees of the GFC will expire in the spring, and during the next few months the Nominating Committee will be selecting nominations for the replacement of these members. Replacements will also be required for those members of committees whose terms of office will be interrupted by sabbatical leave during 1979-80. The standing committees where vacancies will occur are listed.

All full-time and part-time members of the academic staff, the non-academic staff, the graduate and undergraduate students of the University are eligible for election to these committees and membership is not restricted to members of the GFC unless specified. The terms of office for staff members are for periods up to three years commencing 1 July 1979. The terms of office for student members are for one year commencing 1 April 1979. Members who wish to serve a subsequent term of office may be nominated for re-election. The Nominating Committee will be pleased to hear from staff members and students who have suggestions for nomination or who would be interested in serving on the standing committees of General Faculties Council. Those persons should contact the Secretary of the Nominating Committee, 2-1 University Hall, telephone 432-4715. It would be appreciated if a brief vita could accompany any nomination. □

<i>Committee</i>	<i>Staff Vacancies</i>	<i>Student Vacancies</i>
Executive Committee (nominees must be members of GFC)	4	3
Academic Appeals Committee	4	3
	(alternates)	3
Academic Development Committee	2	2
Admissions and Transfer Committee	1	3
Campus Law Review Committee	2	
	1 N.A.S.	
Computer Facilities and Policy Committee	3	3
Conference Funds Committee	1	2
Equal Opportunities Committee		2
Housing and Food Services Committee	1	6
Committee for the Improvement of Teaching and Learning	5	4
Library Committee	1	2
Committee on Native Studies (in addition, 5 members of the native community at large)	9	4
Parking Appeals Committee	1	2
	(alternate)	1
Radio and Television Committee	2	3
Special Sessions Committee	2	—
Undergraduate Scholarship Committee	—	2
University Planning Committee	1	3
Writing Competence Committee	2	2
<i>Bodies with Members Elected by General Faculties Council</i>		
General Appeals Committee	1 Dean	
	1 Dept. Chairman	
	4	
The Senate: Representatives of General Faculties Council	3	
The Universities Coordinating Council	1 Dean	
	1 staff member	
	4	
General University Disciplinary Impanelling Boards	2 NAS	10

## Robbie Burns' Night

An abundance of special dinners and events graces the Faculty Club each year, but for persons of Scots lineage one occasion stands out rather noticeably—Burns' Night. The "Burns" is, of course, Robert Burns. Approx-

imately 300 Burns' devotees gathered at the Club on 20 January and during the course of the evening they downed highland cocktails, witnessed the ceremonial piping in of the haggis, toasted the immortal memory of the poet, supped generously on haggis, neeps and tatties (turnips and

potatoes), and a dessert of trifle, and watched a display of dancing by the University of Alberta Scottish Country Dance Society.

Once again, the host for Burns' Night was Raymond Grant, professor of English and a graduate of the University of Aberdeen.

Robert Burns was born on

25 January 1759, but, as Burns' Night guests would undoubtedly attest to, a Saturday night lends itself more readily to prolonged festivities than does a Thursday night.

Burns died in 1796 and the first Burns supper took place in 1802 in Alloway, Scotland. □



# Long Service Presentations

On 15 January the following individuals were honored by the Board of Governors for long service to the University. The presentation of plaques took place in the Lister Hall Banquet Room.

*Twenty-five years of service*  
Martin Deinum, Peter Dranchuk, E. Faszer, Robert S. Fraser, Harold R. Hawes, A.S. Knowler, John R. Nursall, Gordon B. Peacock, Allan W. Peterson, Harry Schiff, Mary E. Spencer, Jan Versendaal, William C. Wonders;

*Twenty-six years of service*  
Gordon O. Bain, Cyril G. Hampson, Lydia Kolomejec, Alex G. Markle, Nicolaas Muntjewerff, Denys Noden, Julia Oko, Ernest Reinhold, Ronald Seward, Saul Zalik;

*Twenty-seven years of service*  
Alan F. Affleck, R. George Baldwin, G.R. Davy, Lawrence Donelon, William Green, Sigmund Holtz, Eileen Kadis, James Liddell, Bruce B. Peel;

*Twenty-eight years of service*  
Roy T. Berg, Frank D. Blackley, Douglas R. Crosby, Walter D. Gainer, Denis Goodale, Joseph Kuziemy, Fenton V. MacHardy, Phyllis J. Russell;

*Twenty-nine years of service*  
Arthur J. Anderson, John P. Bowland, Duncan D. Campbell, Arthur B. Crighton, John A. Forbes, John Francis, Charles Heath, Joyce A. Kerr, Croydon Newman, Donald Quon, Adele Siugzidinis, Anne Tory;

*Thirty years of service*  
Willard F. Allen, Cornelia Arends, Robert Heyworth, Robert H. Knowles, Herbert J. McLachlin, Kenneth B. Newbound, Donald B. Robinson, Theresa Rogier, Donald Spearman;

*Thirty-one years of service*  
Patrick H. Bouthillier, Thomas Burkett, Manoel Faucher, Edward Goldsack, Patricia Green, Otto E. Hohn, Robert W. King, Henry

Kreisel, Gordon E. Myers, Thomas H. Patching, Gerald W. Sadler, Warren E. Smith;

*Thirty-two years of service*  
Cecil Beaumont, C. Fred Bentley, Alex D. Cairns, William G. Corns, George Edwards, Walter E. Harris, Lorene L. Kennedy, Lola Logan, Shirley Meyer, Paul Padleki, Murray A. Rousell, Lloyd Steen, Charles R. Stelck, Barney T. Stephanson;

*Thirty-three years of service*  
Margaret Brennan, Brigham Y. Card, Jack Longworth, John Mayson, Alex R. Robblee;

*Thirty-five years of service*  
Max Wyman;

*Thirty-six years of service*  
Stuart G. Davis, George Ford, Ronald E. Phillips;

*Thirty-seven years of service*  
Eric Beaumont, Norma Freifield;

*Forty years of service*  
Donald R. Clandinin, Edward Greene.

## GFC Agenda

A meeting of General Faculties Council will be held on Monday, 29 January, at 2 p.m. in the Council Chamber, University Hall. The following information details the agenda for the meeting.

1. Approval of the Agenda
2. Approval of the Minutes
3. Question Period

### Reports

4. Executive Committee Reports
5. Report of the Board of Governors
6. Report of the Nominating Committee

### New Business

7. Committee for the Improvement of Teaching and Learning: Procedures for evaluating instruction in a University setting
8. Academic Appeals Procedures: Request from Faculties of Nursing and Dentistry
9. Department of Community

Dentistry and Manpower Development: Request from Faculty of Dentistry for change of name  
10. Radiation Protection: Equal Opportunities Committee proposals

### For Information

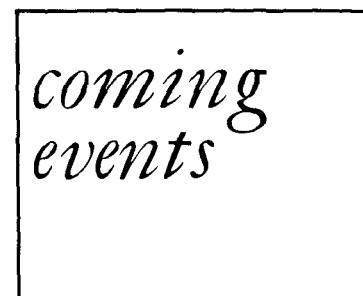
11. Criteria for Admission to Quota Faculties: CAT Report on Senate Observers
12. Other business

## Regular GFC Committee Vacancies

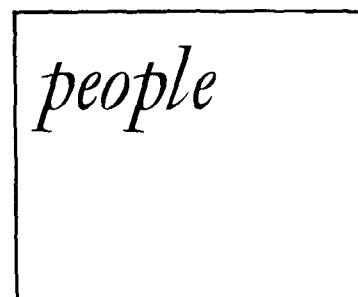
The GFC is seeking nominations to fill the following vacancies on GFC Standing Committees. A vacancy exists for one member of the academic staff on the *Academic Development Committee*. A vacancy also exists for one member of the non-academic staff on the *Equal Opportunities Committee*. Those people who are interested in serving on the above committees are requested to contact the Secretary of the Nominating Committee, 2-1 University Hall, telephone 432-4715. It would be appreciated if a brief vita could accompany any nomination.

opment, coordination of professional standards and education, taxation, and copyright matters. Walter Jungkind, who came to Canada in 1968 from London, England, is Past-President of the International Council of Graphic Designers Association (ICOGRADA), a member of the Association Typographique Internationale (A.Typ.I.) and a fellow of the Society of Industrial Artists and Designers of Great Britain (SIAD).

*Margaret Steed*, Associate Professor, Faculty of Nursing, was invited to speak to a research paper at the National Conference on Nursing Research, Winnipeg, 13 to 15 December.



Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to 423 Athabasca Hall.



*Walter Jungkind*, professor in the Department of Art and Design, was recently elected President of the Society of Graphic Designers of Canada for 1979. The Graphic Designers of Canada (GDC) is the federally incorporated professional association of designers in the areas of publication and information design, publicity and advertising, packaging, and environmental graphic design. There are six regional chapters of the Society in Canada from Charlottetown to Vancouver with a national secretariat in Ottawa. Major preoccupations of the Society currently are: professional devel-

## Music

### Students' Union Theatre

28 January, Sunday 2:30 p.m.  
The India Students' Association presents *Republic Day Celebrations*. No admission charge.

31 January, 1,2 February 7 p.m.  
The Medical Students' Association presents the Annual Med Show. Tickets available from medical students only.

### Espace Tournesol

2, 3, 4 February 8:30 p.m.  
Solo dance artist Margie Gillis will perform. Admission \$3.50; reservations strongly suggested. Telephone 471-5235.

### Students' Union

3 February, Saturday 8 p.m.  
SU Concerts presents Bruce

Cockburn in concert. Tickets \$6.50 at the SU Box Office (HUB Mall), Mike's, and all Woodward's stores.

### **Folk Club Concert**

3 February, Saturday 8 p.m. The South Side Folk Club presents Bob Evans, ragtime guitarist from Regina, and Mother Fletcher, humorist from Toronto. Orange Hall, 104 Street and 84 Avenue. Admission is \$3. For ticket reservations, telephone 475-1042.

## **Films**

### **Student Cinema**

26, 27, 28 January 7 and 9:30 p.m. *The Rocky Horror Picture Show* (Great Britain, 1975).

### **Cinematheque 16**

26 January, Friday 7:30 p.m. *The Wild Bunch*.

28 January, Sunday 2 p.m. *Jonah . . . Who Will Be 25 in the Year 2000*.

1, 2 February 7:30 p.m. *Charles, Dead or Alive*. For ticket information contact Cinematheque 16, telephone 437-3863.

### **Citadel National Film Theatre**

26 January, Friday 7:30 and 9:45 p.m. 28 January, Sunday 8 p.m. *Tokyo Monogatari/Tokyo Story* (Japan, 1953).

31 January, 1 February 7:30 p.m. *Jules and Jim* (France, 1961). 9:15 p.m. *Pickpocket* (France, 1959).

2 February, Friday 7:30 p.m. *Jules and Jim* (France, 1961). 9:15 p.m. *Lumière* (France, 1976).

### **Centennial Library**

27, 28 January. 2 p.m. *Why Worry*, with comedian Harold Lloyd.

3, 4 February 2 p.m. *Grandma's Boy*, with comedian Harold Lloyd. Centennial Library Theatre. Free admission.

### **Edmonton Film Society**

29 January, Monday 8 p.m. *The Moon's Our Home* (United States, 1936). TL-11 Tory Lecture Theatre.

## **Poetry Readings at the Students' Union Art Gallery**

The first in a series of poetry readings at the Students' Union Art Gallery was held last Thursday, 18 January. Tom Wayman, poet-in-residence at the University of Alberta, and Monty Reid whose first book of poetry is soon to be released, read selections from their own works. The readings are scheduled for 12:30 p.m. every other Thursday until April. There is no admission charge.

31 January, Wednesday 8 p.m. *The Shanghai Gesture* (United States, 1941). TL-11 Tory Lecture Theatre.

### **Faculté Saint-Jean**

30 January, Tuesday 8 p.m. *La Vraie Nature de Bernadette Brown* by Gilles Carle. Auditorium, Faculté Saint-Jean.

### **Department of Germanic Languages**

1 February, Thursday 7:30 p.m. *Geheimagenten* (Fechner, 1971). 17 Arts Building. No admission charge.

## **Exhibitions**

### **University Art Gallery and Museum**

*Continuing*. An exhibition of prints by Bob Chaplin and photographs by Ivan Osborne.

*From 1 February*. "Mr. Jackson's Mushrooms," an exhibition of drawings and watercolors of mushrooms.

*Continuing*. Two portfolios of prints by Ansel Adams and one by Brett Weston on display.

### **Provincial Museum**

To 28 January. "Images From Alberta's Southeast," an exhibition of paintings and drawings of Alberta's southeast.

To 3 February. "Black Gold in

Alberta," an exhibition of documents recording the history of black gold in Alberta.

*Continuing*. "French Folk Art," an exhibition that interprets the origins, approaches and traditions of French folk art.

### **Students' Union Art Gallery**

*From 27 January to 11 February*. An exhibition of photography and painting by senior students of the Banff School of Fine Arts.

### **Edmonton Art Gallery**

*Continuing*. "Art of the Dene," an exhibition of native Indian works produced by the Dene people of the Northwest Territories.

"La Belle Anglaise/The Prints of James Tissot," an exhibition of prints by the turn-of-the-century French artist.

*From 28 January*. An exhibition of photographs by Eleanor Lazare.

### **Centennial Library**

To 30 January. An exhibition of brass rubbings done by Lynn Bates. Foyer Gallery. Photographs by Gerry Boudrias. Photography Gallery.

## **Theatre**

### **Citadel Theatre**

*Continuing*. *Cause Célèbre* by Sir Terence Rattigan. Directed by Peter Coe.

### **Northern Light Theatre**

*Continuing*. *Take Me Where the Water's Warm* by James DeFelice. For ticket information and show times contact the Northern Light Theatre Box Office, telephone 429-3110.

### **Theatre 3**

*Continuing*. *Seasons*, a musical by Rick Fox, Tom Kerr, Susan Wright, and Lawrence Gough.

### **Théâtre Français d'Edmonton**

26, 27, and 28 January 8 p.m. *Le Bonnet du fou* and *Le Brevet* by Luigi Pirandello. Citadel Rice

Theatre. For ticket information, telephone 469-0829.

### **Walterdale Playhouse**

To 3 February. *Abelard and Heloise*, by Ronald Millar. Tickets available from the downtown Bay Ticket Office, telephone 424-0121.

### **Centennial Library Theatre**

2, 3 February. 7:30 p.m. *The Great Canadian Energy Show* and *The Clown Who Laughed & Laughed & Laughed & Laughed*, two productions by 5 Star Theatre of Alberta. Tickets are available at all Woodward's stores and at the door.

## **Lectures and Seminars**

### **Department of Art and Design Lecture**

26 January, Friday 2:30 p.m. Walter Jungkind, graphic designer, will present a slide lecture of his own work. 2-20 Fine Arts Building.

### **University Parish Lectures**

29 January, Monday 12 noon. "Where is the Church Going?," with speaker Ted Scott, Primate of the Anglican Church of Canada, and Moderator of the World Council of Churches' central committee. Mediation Room, Students' Union Building.

30 January, Tuesday 7:30 p.m. "Values and Expectations," with speaker Norah Keating, is the first in a series of eight marriage preparation lectures with the theme, "Growing in Relationship." Meditation Room, Students' Union Building. For more information or registration, telephone 432-4621.

### **Botany Lectures**

30 January, Tuesday 4:30 p.m. "The Physiology of Plants Growing in Waterlogged Conditions," with speaker David Reid of the University of Calgary. M-149 Biological Sciences Building. 31 January, Wednesday 4:30 p.m. "A Numerical and Experimental Analysis of the Heat Pulse



Velocity For Measurement of Transpiration," with speaker Robert Swanson. M-149 Biological Sciences Building.

#### *Human Sexuality Lecture*

30 January, Tuesday 7:30 p.m. "Birth Planning," the third in a series of lectures on human sexuality. Free admission. For information telephone the Planned Parenthood Association of Edmonton at 423-3737.

#### *Canadian Institute of Ukrainian Studies Lectures*

30 January, Tuesday 12:30 p.m. "Ukrainian-Canadian Communists and the Kryza in Alberta," with speaker Andrij Makuch. 352C Athabasca Hall.

#### *Zoology Lectures*

26 January, Friday 4 p.m. "A Systems Framework for Studying Productivity of Large Herbivores of the Boreal Forest," with speaker R.J. Hudson. 345 Agriculture Building.

2 February, Friday 4 p.m. "Fast Muscles Used in Producing Insect Love Songs," with speaker R.K. Josephson of the University of California. 345 Agriculture Building.

#### *Canada in the Western World Lectures*

31 January, Wednesday 12:15 p.m. "Population Trends in Canada from a Comparative Perspective," with speaker P. Krishnan. Alberta College.

#### *Canadian Studies Lecture*

31 January, Wednesday 8 p.m. "Arts and Culture in Canada," with speaker Eli Mandel of York University. 2-115 Education North.

#### *Classical Archaeology Seminar*

1 February, Thursday 4 p.m. "Roccagloriosa and the Western Lucanians," with speaker M. Gualtieri. 1-8 Humanities Centre.

#### *Poetry Reading*

1 February, Thursday 12:30 p.m. The second in a series of poetry readings. Students' Union Art Gallery. No admission charge.

#### *Physics Lecture*

30 January, Tuesday 3:30 p.m. "Total Solar Eclipse of February 26, 1979," with speaker D.P. Hube. V120 Physics Building.

#### *Home Economics Lecture*

29 January, Monday 12 noon. "What's the Problem for Dual Career Couples?," with speaker Dianne Kieren. 8-14 General Services Building.

#### *Women's Canadian Club Meeting*

1 February, Thursday 12:15 p.m. "The Anatomy of Our Recent Discontent—the Background of Western Attitudes to Current National Problems," with speaker Russell H. MacDonald, retired executive editor of the "Western Producer." Macdonald Hotel. Members may purchase tickets at the Bay Ticket Office, downtown. For more information, telephone 469-7961.

#### *Department of English Reading*

1 February, Thursday 12:30 p.m. Reading by well-known Canadian poet and critic Eli Mandel. Sponsored by the Canada Council in cooperation with the Department of English. AV L-3 Humanities Centre.

#### *Comparative Literature Seminar*

30 January, Tuesday 3:30 p.m. "Is There Such a Thing as a Theory of Translation or Are There Only Theories of Translation?," with speaker Kenneth Ober. Senate Chamber, Arts Building.

#### *Student Legal Services Lecture*

1 February, Thursday 8 p.m. "Women in the Workforce," the fourth in a series of six lectures concerning women and the law. Music Room of the Edmonton Public Library.

#### *Sociology Colloquium Committee Lecture*

2 February, Friday 12 noon. "Existential Approach to Social Phenomena," with speaker Alexander J. Matejko. 5-15 Tory Building.

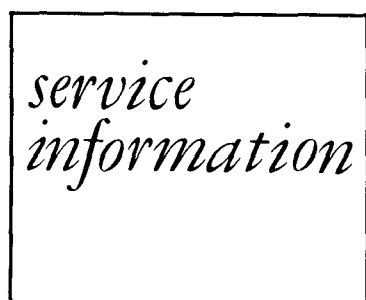
#### *Philosophy Club Lecture*

2 February, Friday 3:30 p.m. "Personal Identity in the Philosophy of Literature," with speaker J.J. MacIntosh of the University of Calgary. 4-65 Humanities Centre.

### Points of Interest

#### *Campus Observatory*

26 January, 2 February For information and tour reservations telephone 423-2325.



#### *Notices*

Notices must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall.

#### *Whales and Dolphins (Cetacea)*

The ethics of killing cetaceans is being studied and debated in Canada. Anyone wishing to volunteer their time and penmanship toward furthering this cause is requested to contact Dennis Wighton, Coordinator, Interdisciplinary Committee for Environmental Quality (ICEQ), telephone 432-3606 (office) or 436-0408 (home).

#### *Notice of Meeting*

The Association of Administrative Assistants is holding a meeting on 30 January at 7:30 p.m. in 124 Faculté Saint-Jean. The guest speaker will be R.O. Leggett, Director of Sales, Four Seasons Hotel. The title of the address is "Why Belong?" Light refreshments will be served and everyone is welcome. Those people who plan to attend should contact Jacquie Lemieux, telephone 466-2196, or Joan Shore, telephone 432-3499.

#### *Visitor Parking*

Staff members are reminded that advance parking arrangements should be made with Parking Services for persons invited to the University as guest speakers or for other purposes related

to departmental functions. This cooperation is necessary so that they may park their vehicles on the campus in accordance with the Traffic and Parking Regulations of the University.

#### *Singles on Campus*

Singles on Campus is a social organization dedicated to providing entertaining events for its members who are single, divorced, widowed, or separated. The group meets for informal parties and excursions which are planned by the members, and also has seminars and speakers from time to time. Those people who would like to become members should call Audrey Brooks for information about the club and future events, telephone 487-9195.

#### *Pre-School Art Program*

The Department of Elementary Education is offering an art program for three and one-half to five year old children for ten Thursdays, beginning on 25 January 1979. For further information, telephone 432-5103.

#### *Indoor Tennis Program*

The Department of Athletic Services is offering an indoor tennis program for all levels of ability. The faculty and staff lesson package includes six hours of instruction, court rental, and equipment if needed, for a fee of \$30. The student lesson package includes four hours of instruction, court rental, and equipment for \$25. Registration forms and further information may be obtained from the Department of Athletic Services, W1-34 Physical Education Building.

#### *Lost and Found*

One lady's boot was taken by mistake at the Lister Hall Banquet Room on 15 January. Please contact D. Goodale for exchange, telephone 433-9911.

### Scholarships, Fellowships and Awards

A special area in 252 Athabasca Hall has been set aside as an information centre on graduate scholarship competitions for study in Canada and abroad. Students may use this reference section during normal office hours.

#### *Imperial Oil Research Fellowships*

Donor: Imperial Oil. Where tenable: Open. Level of study: Pure and applied natural and exact sciences, social sciences, and humanities. Value: \$15,000. Number: Three. Duration: Three years. Conditions: Candidates must be working toward a PhD and be endorsed by the appropriate university authorities. Closing date: 1 February. Further information: Student Awards Office, 252 Athabasca Hall, University of Alberta.

#### *Bell Canada Fellowships*

Donor: Bell Canada. Where tenable:

Any Canadian university or college affiliated to or a member of AUCC. *Level of study:* Graduate. *Field of study:* Variable. *Value:* \$5,000. *Number:* Up to eight. *Duration:* Twelve month period. *Conditions:* Candidates must be proceeding toward a Master's degree, be graduates of an AUCC affiliated university or college, and be Canadian citizens or have had landed-immigrant status for one year. *Closing date:* 1 February. *Further information:* Awards Officer, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1.

#### ***Metallurgy Research Fellowships***

*Donor:* The Steel Company of Canada. *Where tenable:* Canadian university with qualifying course in metallurgic research. *Level of study:* Graduate. *Field of study:* metallurgy. *Value:* \$5,000 to candidate and \$1,000 to department. *Number:* Four. *Duration:* One year. *Conditions:* Canadian citizens graduated from Canadian universities. *Closing date:* 1 February. *Further information:* Awards Officer, AUCC, 151 Slater Street, Ottawa, Ontario K1P 5N1.

#### ***Wildlife Biology Scholarships***

*Donor:* Canadian Wildlife Service. *Where tenable:* Canada. *Level of study:* Postgraduate. *Field of study:* Wildlife biology. *Value:* \$2,500. *Number:* Two. *Duration:* Open. *Conditions:* Candidates must be Canadian citizens enrolled as postgraduate students during the 1979-80 academic year in wildlife biology at a Canadian university. *Closing date:* 1 March. *Further information:* Student Awards Office, 252 Athabasca Hall, University of Alberta.

## **Research Grants**

### ***Granting Agencies: Application Deadlines***

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. To allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time may be much longer than ten days and such applications should be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and the Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. *Note:* Although the *Calendar* is updated on a continuous basis, the following information is subject to change without notice. If staff members have advance infor-

mation on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. *Code:* (R) Research Funds; (E) Exchange programs; (T) Travel grants.

<i>Granting Agency</i>	<i>Deadline Date</i>
American Philosophical Society (R)	9 Feb.
Calendar source number 25	6 Apr.
	10 Aug.
	12 Oct.
	7 Dec.
Canada Council—Grants for Visiting Foreign Artists (E)	1 Feb.
Calendar source number 60	
Department of Labour—University Research Program (R)	15 Feb.
Calendar source number 145	
Distilled Spirits Council of the United States, Inc. (R)	1 Feb.
Calendar source number 163	1 May
	1 Aug.
	1 Nov.
International Development Research Centre—Research Associate Award (R)	28 Feb.
Calendar source number 215	
Muscular Dystrophy Association of Canada (R)	28 Feb.
Calendar source number 260	
U.S. Department of Health, Education, and Welfare (R)	
Calendar source number 420	
	<i>Renewals</i>
	1 Feb.
	1 June
	1 Oct.
	<i>New and Supplemental</i>
	1 Mar.
	1 July
	1 Nov.

## **Surplus Equipment**

The equipment listed below has been declared surplus. For further information about the purchase of this equipment or the disposal of any of your department's surplus equipment, consult Bonnie O'Dwyer or Roy Bennet, telephone 432-3208.

One Model LCA.1 Lourdes Continuous Flow Centrifuge. For further information contact C.E. Cass, telephone 432-2139.

## **Positions Vacant**

### ***Slavic Studies Librarian***

Applications are invited for the position of Assistant Reference Librarian in the Humanities and Social Sciences Library. Duties involve reference services, development of orientation programs, bibliographic seminars, and collection development with primary responsibility for East European Studies, Slavic Languages, and Ukrainian Studies. A graduate degree in Library Science and a subject degree in Slavic Studies or a related discipline is required. Salary range: \$14,333 to \$24,060 per annum. The position is effective 1 June, contingent upon funds being available. Applicants should send curriculum vitae, transcripts, and the names of three references to the Librarian, University of Alberta, Edmonton, Alberta T6G 2J8.

### ***Project Director***

The Faculty of Home Economics is initiating a two-year project to develop and evaluate learning systems for various areas within the Home Economics program, and invites applications for Project Director. The Director will manage the project, and supervise the work of three part-time curriculum assistants. Applicants should have experience in the development and evaluation of learning systems, and especially modular instruction, CAI and CMI, and should be competent project administrators. Minimum educational requirement is an MEd; a PhD is preferred. Salary: up to \$20,000 per annum. Apply to Dr. Betty Crown, Faculty of Home Economics, telephone 432-2908.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 19 January 1979.

Duplicating Operator I (\$695-\$748)—Law Office Services File Clerk (\$695-\$803)—Office of the Registrar  
Clerk Typist II (\$695-\$803, trust)—Institute of Law Research and Reform  
Clerk Typist II (\$5.00/hour, part-time, trust)—Home Economics  
Clerk Typist II (\$695-\$803)—Office of the Comptroller; Provincial Laboratory  
Clerk Steno II (\$695-\$830)—Mechanical Engineering; Dental Clinical Sciences; Dean of Education; Chemistry  
Library Clerk II (\$695-\$830)—Faculté Saint-Jean  
Dental Assistant (\$721-\$863)—Dentistry; Community Dentistry  
Clerk Typist III (\$748-\$895, term)—Office of the Registrar  
Clerk Typist III (\$748-\$895)—Soil Science; English  
Senior Clerk (\$748-\$895)—Campus Security; Dean of Engineering  
Data Entry Operator I (\$772-\$929)—Bookstore  
Senior Financial Records Clerk (\$772-\$929)—Drama  
Clerk Steno III (\$772-\$929)—Educational Psychology; Sociology; Physics; Law (2 positions); Secretariat; Civil Engineering; Chemical Engineering  
Clerk Steno III (\$772-\$929, trust)—Community Medicine  
Programmable Typewriter Operator II (\$803-\$969)—Personnel Services and Staff Relations  
Admission Records Trainee (\$803-\$969)—Office of the Registrar  
Data Entry Operator II (\$830-\$1,009)—Sociology  
Secretary (\$863-\$1,053)—Canadian Institute of Ukrainian Studies; Extension; Comparative Literature  
Departmental Secretary (\$969-\$1,192)—Psychiatry  
Computer Assistant I (\$695-\$830)—Computing Services  
Technician I (\$895-\$1,096, trust)—Medicine—Clinical and Transplant Immunology Group  
Chemical Technician I/II (\$895-\$1,243,

trust)—Chemistry  
Electronics Technician I (\$929-\$1,143)—Civil Engineering; Chemistry  
Technician II (\$1,009-\$1,243)—Pathology  
Technician II (Chemical/Instrumentation) (\$1,009-\$1,243)—Animal Science  
Biochemistry Technologist I (\$1,009-\$1,243, trust)—Cancer Research Unit  
Biology Technologist I (\$1,009-\$1,243, term)—Genetics (2 positions)  
Security Officer I (\$1,009-\$1,243)—Campus Security  
Programmer/Analyst I (\$1,009-\$1,243)—Chemical Engineering  
Programmer/Analyst II (\$1,192-\$1,476)—Institutional Research and Planning  
Programmer/Analyst II/III (\$1,192-\$1,759)—Computing Services  
Machinist Technician III (\$1,298-\$1,611)—Physics  
Programmer/Analyst III (\$1,415-\$1,759)—Chemical Engineering  
Programmer/Analyst III/IV (Word Processing Systems Analyst) (\$1,415-\$2,104)—Computing Services  
Biology Technologist IV (Biosafety) (\$1,476-\$1,838)—Medical Bacteriology

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should be consulted for further information as to availability and position requirements. Library Clerk III (\$748-\$895)—Cataloguing  
Library Assistant I (\$803-\$969)—Bibliographic Verification; Education; Selections

## **Advertisements**

All advertisements must be received by 4:30 p.m. on the Thursday prior to publication. The cost is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

### ***Accommodations available***

For sale—Windsor Park. By owner. Approximately 1,700 sq. ft. bungalow. Finished basement. Large lot. Clear title. \$168,500 firm. For appointment, call Mrs. Gerald 433-8956. No agents please.  
For sale—Executive, open beam. Front split. Westbrook Drive. 3,000 sq. ft. home. Beautiful 100' x 190' lot overlooking Derrick Golf Course. Spacious rooms, planned for entertaining. Two fieldstone fireplaces with gas starters, huge kitchen, three bedrooms, double garage. For viewing call Faye Lund. Block Bros. 436-4240, 436-5355.  
Sale by owner: Nice three bedroom condominium in Millwoods. Carpet and other features. Centrally located. Reasonably priced. For full written information, write to Box 184, University Post Office, Edmonton.  
For sale—Solid family home in North Windsor Park. Will consider all offers.

Call Jim Sellars at Block Bros. NRES Ltd. Bus. 432-7541 or res. 424-6547.  
House to share in Garneau with one other. \$200 per month. Call 477-9628 days, 433-1089 evenings.  
West End, by owner, Grosvenor-Imperial 3 bedroom townhouse—former show home. Includes finished basement, 1½ bathrooms, four appliances, landscaping, sundeck, storage shed. Clear title—a real beauty at \$57,500. 487-5502, 452-0713.  
For sale—By owner. Well-kept three bedroom in Millwoods (20 minutes to University) three years old, 1½ bathrooms, carpet throughout, rumpus room, fenced yard, carport, no common walls, facing playground, condo fee \$15, good price. 462-6752 evenings or weekends.

For rent—Four bedroom house, Windsor Park, available summer 1979 for one year. Phone 432-4109 or 433-3498.  
For sale—By owner. Westmount area, easy access to University. 1,563 sq. ft. semi-bungalow, four bedrooms, family room in professionally finished basement, double garage, mature landscaping. \$80,500. Phone 455-1826 after 5 p.m.  
For sale or rent—Hi-rise condominium "The Saskatchewan." Floor 12. 9737 112 Street. River valley view. Two bedrooms. Monthly rent \$580. Sale \$75,000. Low down payment. Ken 482-2883, 482-2087 after 6 p.m.  
For sale—Riverbend. Cedar townhouse. Two fireplaces, wet bar, three bedrooms, private patio, attached garage. Call Liz Crockford. 434-0555.

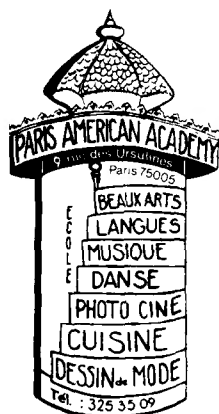
res. 436-5250 Spencer Real Estate  
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For further information please contact Julie Hunt, 452-6345 res., 483-1176 Potter Realty Co. Ltd.

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